

# *TRANSIT SYSTEM VEHICLES*

***TRANSIT VEHICLE EXPANSION***

**PROJECT SCOPE/DESCRIPTION:** This project contains the following:

**Paratransit Buses** - Purchase six buses in FY 2003, eight in FY 2004, seven in FY 2005, seven in FY 2006, and 20 in FY 2007-2009. Requirements are based upon current rate of demand growth anticipated by the Delaware Transit Corporation (DTC) service plan.

***Paratransit Buses***

***TRANSIT VEHICLE EXPANSION (CONTINUED)***

**US301 Major Investment Study** – Purchase the necessary combination of 30' and 35' buses to meet the increasing transit demand in New Castle County in an efficient manner.

**30' Low Floor Buses** - Purchase 11 low floor buses in FY 2005.

**35' Commuter Configured Buses** – Purchase ten commuter configured buses in FY 2005.

**PROJECT JUSTIFICATION:** The investment in transit vehicle expansion is necessary to meet projected transit service demand based on census information.

***30' Low Floor Bus***

<b>County:</b>	New Castle
<b>Municipality:</b>	
<b>Funding Program:</b>	Transit System – Vehicles
<b>Functional Category:</b>	Expansion
<b>Representative District:</b>	
<b>Senatorial District:</b>	



**TRANSIT VEHICLE EXPANSION (CONTINUED)****PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
Transit Vehicle Expansion		\$ 769.3						
Prior Years	State			\$ 18,862.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 18,862.5
	Federal			\$ 2,680.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 2,680.4
	Other			\$ 92.6	\$ 0.0	\$ 0.0	\$ 0.0	\$ 92.6
FY 2003	State		\$ 769.3	\$ 308.9	\$ 0.0	\$ 0.0	\$ 0.0	\$ 19,171.4
	Federal			\$ 1,235.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 3,915.8
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 92.6
FY 2004 Request	State			\$ 153.9				\$ 19,325.3
	Federal			\$ 615.4				\$ 4,531.2
	Other			\$ 0.0				\$ 92.6
FY 2005 Projected	State			\$ 1,787.1				\$ 21,112.4
	Federal			\$ 7,148.3				\$ 11,679.5
	Other			\$ 0.0				\$ 92.6
FY 2006 Projected	State			\$ 142.8				\$ 21,255.2
	Federal			\$ 571.3				\$ 12,250.8
	Other			\$ 0.0				\$ 92.6
FY 2007-2009 Projected	State			\$ 425.9				\$ 21,681.1
	Federal			\$ 1,703.5				\$ 13,954.3
	Other			\$ 0.0				\$ 92.6
Total Projected	State			\$ 21,681.1	\$ 0.0			\$ 21,681.1
	Federal			\$ 13,954.3	\$ 0.0			\$ 13,954.3
	Other			\$ 92.6	\$ 0.0			\$ 92.6
Total All Funds		\$ 769.3	\$ 769.3	\$ 35,728.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 35,728.0

**TRANSIT VEHICLE EXPANSION (CONTINUED)****PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	<b>Transit Vehicle Expansion</b>									
	<b>Program</b>	PRO	100%ST	\$ 16,659.1	\$ 16,659.1	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		PRO	80%FTA	862.3	0.0	862.3	0.0	0.0	0.0	0.0
	<b>Paratransit</b>									
	Paratransit (10)	PRO	80%FTA	1,021.0	1,021.0	0.0	0.0	0.0	0.0	0.0
	Paratransit (6)	PRO	80%FTA	682.0	0.0	682.0	0.0	0.0	0.0	0.0
	Paratransit (8)	PRO	80%FTA	769.3	0.0	0.0	769.3	0.0	0.0	0.0
	Paratransit (7)	PRO	80%FTA	693.3	0.0	0.0	0.0	693.3	0.0	0.0
	Paratransit (7)	PRO	80%FTA	714.1	0.0	0.0	0.0	0.0	714.1	0.0
	Paratransit (20)	PRO	80%FTA	2,129.4	0.0	0.0	0.0	0.0	0.0	2,129.4
	<b>US301 MIS</b>									
	30' Low Floor (11)	PRO	80%FTA	3,999.2	0.0	0.0	0.0	3,999.2	0.0	0.0
	35' Commuter Configured (10)	PRO	80%FTA	4,242.9	0.0	0.0	0.0	4,242.9	0.0	0.0
	<b>Blue Ball, SR141/US202, Area Transit</b>									
	Route 28 Expansion, 30' Medium Duty Low Floor (2)	PRO	80%FTA	644.0	644.0	0.0	0.0	0.0	0.0	0.0
	Neighborhood Circulator Expansion, 30' Medium Duty Low Floor (1)	PRO	80%FTA	322.0	322.0	0.0	0.0	0.0	0.0	0.0
	Rail Shuttle, 30' Medium Duty Low Floor (1)	PRO	80%FTA	354.2	354.2	0.0	0.0	0.0	0.0	0.0
	Traffic Mitigation, PA/PNR/ZA Shuttle 35' Over the Road (2)	PRO	80%FTA	1,009.2	1,009.2	0.0	0.0	0.0	0.0	0.0
	<b>Fixed Route 25' Cutaways (8)</b>	PRO	100% ST	234.0	234.0	0.0	0.0	0.0	0.0	0.0
	<b>Newark Loop / Unicity</b>	PRO	100% CITY	96.6	96.6	0.0	0.0	0.0	0.0	0.0
		PRO	100% PRIVATE	96.6	96.6	0.0	0.0	0.0	0.0	0.0
		PRO	100% ST	772.8	772.8	0.0	0.0	0.0	0.0	0.0
	<b>Support Vehicles</b>	PRO	100% ST	426.0	426.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 35,728.0	\$ 21,635.5	\$ 1,544.3	\$ 769.3	\$ 8,935.4	\$ 714.1	\$ 2,129.4

***TRANSIT VEHICLE REPLACEMENT AND REFURBISHMENT***

**PROJECT SCOPE/DESCRIPTION:** This project contains the following:

- A. **Paratransit Buses** - Purchase 15 buses in FY 2004, 10 buses in FY 2005, 35 buses in FY 2006, and 69 buses in FY 2007-2009 to be used in accordance with the DelDOT/DTC approved service plan and supporting vehicle replacement schedule.
- B. **Support Vehicles** – Purchase 21 maintenance related vehicles in FY 2007-2009 to be used in accordance with the DelDOT/DTC approved vehicle replacement schedule.
- C. **Unicity Buses** – Purchase one replacement bus bi-annually (City of Newark).
- D. **25' Cut-a-way Buses** – Purchase five buses in FY 2004.

***Paratransit Bus***



***25' Cut-a-way Bus***



***TRANSIT VEHICLE REPLACEMENT AND REFURBISHMENT (CONTINUED)***

- E. **30' Low Floor Buses** – Purchase three low floor buses in FY 2005, and eight in FY 2007-2009.
- F. **30' Medium Duty Fixed Route Buses** – Purchase five buses in FY 2003 to be used in accordance with the DelDOT/DTC approved service plan and supporting vehicle replacement schedule.
- G. **40' Transit Buses** – Purchase 68 buses in FY 2006, as a combination of low floor and standard floor buses to be used in accordance with the DelDOT/DTC approved service plan and supporting vehicle replacement schedule.
- H. **5310 Program** – Program provides funds for organizations to provide transportation for the elderly and disabled in New Castle County.

***30' Low Floor Bus***

**PROJECT JUSTIFICATION:** The investment in transit vehicle replacement and refurbishment is necessary to meet the projected vehicle replacement schedule.

**County:** New Castle  
**Municipality:**  
**New Funding Program:** Transit System – Vehicles  
**Functional Category:** Preservation  
**Representative District:**  
**Senatorial District:**

***40' Transit Bus***

**TRANSIT VEHICLE REPLACEMENT AND REFURBISHMENT (CONTINUED)****PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
Transit Vehicle Replacement and Refurbishment		\$ 2,195.6						
Prior Years	State			\$ 448.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 448.4
	Federal			\$ 828.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 448.4
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 828.0
FY 2003	State		\$ 2,195.6	\$ 1,877.8	\$ 0.0	\$ 0.0	\$ 0.0	\$ 448.4
	Federal			\$ 1,259.1	\$ 0.0	\$ 0.0	\$ 0.0	\$ 2,326.2
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 2,087.1
FY 2004 Request	State			\$ 1,215.1				\$ 448.4
	Federal			\$ 980.5				\$ 3,541.3
	Other			\$ 0.0				\$ 3,067.6
FY 2005 Projected	State			\$ 1,435.3				\$ 448.4
	Federal			\$ 1,076.1				\$ 4,976.6
	Other			\$ 0.0				\$ 4,143.7
FY 2006 Projected	State			\$ 9,326.0				\$ 448.4
	Federal			\$ 24,663.7				\$ 14,302.6
	Other			\$ 0.0				\$ 28,807.4
FY 2007-2009 Projected	State			\$ 3,101.3				\$ 448.4
	Federal			\$ 8,313.3				\$ 17,403.9
	Other			\$ 0.0				\$ 37,120.7
Total Projected	State			\$ 17,403.9	\$ 0.0			\$ 17,403.9
	Federal			\$ 37,120.7	\$ 0.0			\$ 37,120.7
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 2,195.6	\$ 2,195.6	\$ 54,524.6	\$ 0.0	\$ 0.0	\$ 0.0	\$ 54,524.6

**TRANSIT VEHICLE REPLACEMENT AND REFURBISHMENT (CONTINUED)****PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
	<b>Transit Vehicle Replacement and Refurbishment</b>									
	<b>Program</b>	PRO	80% FTA	\$ 264.9	\$ 0.0	\$ 264.9	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	<b>Paratransit (15)</b>	PRO	80% FTA	1,090.5	0.0	1,090.5	0.0	0.0	0.0	0.0
	Paratransit (15)	PRO	80% FTA	1,114.6	0.0	0.0	1,114.6	0.0	0.0	0.0
	Paratransit (10)	PRO	100% ST	765.3	0.0	0.0	0.0	765.3	0.0	0.0
	Paratransit (35)	PRO	100% ST	2,759.1	0.0	0.0	0.0	0.0	2,759.1	0.0
	Paratransit (69)	PRO	80% FTA	5,526.2	0.0	0.0	0.0	0.0	0.0	5,526.2
	<b>Support Vehicles = (1+3+3+21)</b>	PRO	80% FTA	1,720.1	0.0	107.5	41.6	143.1	109.5	1,318.4
		PRO	100% ST	40.4	40.4	0.0	0.0	0.0	0.0	0.0
	<b>Unicity</b>	PRO	100% ST	360.0	90.0	0.0	0.0	90.0	90.0	90.0
	<b>25' Cut-a-way, Medium, Fixed Route(5)</b>	PRO	100%ST	1,869.4	0.0	1,252.0	617.4	0.0	0.0	0.0
		PRO	80%FTA	924.0	924.0	0.0	0.0	0.0	0.0	0.0
	<b>30' Low Floor (3)</b>	PRO	80%FTA	1,090.7	0.0	0.0	0.0	1,090.7	0.0	0.0
	30' Low Floor (8)	PRO	80% FTA	3,214.0	0.0	0.0	0.0	0.0	0.0	3,214.0
	<b>40' Heavy Duty (68)</b>	PRO	80%FTA	3,664.7	0.0	0.0	0.0	0.0	3,664.7	0.0
		PRO	80%DISC FTA	26,944.4	0.0	0.0	0.0	0.0	26,944.4	0.0
	<b>5310 Vans for Elderly &amp; Handicapped</b>	PRO	80%FTA	888.3	111.0	111.0	111.0	111.3	111.0	333.0
		PRO	100%FTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		PRO	100%ST	2,288.0	111.0	311.0	311.0	311.0	311.0	933.0
	Total All Funds			\$ 54,524.6	\$ 1,276.4	\$ 3,136.9	\$ 2,195.6	\$ 2,511.4	\$ 33,989.7	\$ 11,414.6